

The Afghanistan Engineering Support Program assembled this quarterly report. It is an approved, official USAID document. Budget information contained herein is for illustrative purposes. All policy, personal, financial, and procurement sensitive information has been removed. Additional information on the report can be obtained from Firouz Rooyani, Tetra Tech Sr. VP International Operations, (703) 387-2151.



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AFGHANISTAN

ENGINEERING SUPPORT PROGRAM

FINAL Q2 QUARTERLY REPORT FY2012



Draft Submitted: April 10, 2012

Final Submitted: April 18, 2012

This publication was produced for review by the United States Agency for International Development. It was prepared by Tetra Tech.

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April 18, 2012

[REDACTED]
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U.S. Agency for International Development
Café Compound
U.S. Embassy
Great Masood Road
Kabul, Afghanistan

Re: Contract No. EDH-I-00-08-00027-00, Order No. 1; Afghanistan Engineering Support Program; Final Q2 Quarterly Report FY2012

Dear [REDACTED]:

Per section C.5, "Deliverables," paragraph G of the above referenced contract, we are submitting the Final 2nd Quarter Report for the 2012 Fiscal Year. The report covers the period of January 1, 2012 through March 31, 2012.

Please feel free to contact me with any questions or comments.

Respectfully,

[REDACTED]
[REDACTED]
Deputy Chief of Party, AESP
Tetra Tech

AFGHANISTAN ENGINEERING SUPPORT PROGRAM

Q2 QUARTERLY REPORT FY2012

Draft Submitted: April 10, 2012
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DISCLAIMER

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

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1.0 Executive Summary

This is the Fiscal Year 2012 Second Quarter (FY2012 Q2) Report submitted under Task Order EDH-I-00-08-00027-00, Order No. 1; Afghanistan Engineering Support Program (AESP). The reporting period is for January 1, 2012 through March 31, 2012.

The purpose of the Afghanistan Engineering Support Program contract is to provide technical assistance to the Office of Economic Growth and Infrastructure (OEGI), by providing a quick response from a Kabul based core of expatriate architectural and engineering professionals. The Kabul-based Tetra Tech Team provides planning, design, technical and oversight support, while also contributing to capacity building, mentoring, and collaboration/coordination with appropriate stakeholders. The estimated period of performance for this contract is five (5) years from a notice to proceed date of November 14, 2009.

Deliverables for the Contract include Security Plan, Weekly Meeting Minutes, Quarterly Progress Reports, Performance Monitoring Plan (PMP), Annual Work Plans, Annual Project Reports and Final Report.

During FY2012 Q2, the AESP staff worked on 9 administrative work orders [defined as those tasks taking less than or equal to 18 work days (144 work hours)] and 27 long term work orders [defined as those tasks taking longer than 18 work days (144 work hours)] for a total of 36 work orders. The majority of the work this quarter focused on the Energy sector.

Each quarter, Tetra Tech hosts USAID staff for a briefing on the Afghanistan Engineering Support Program. Each of the sectors describes examples of past and current assistance followed by the process of starting and organization of work orders.

2.0 Program Staffing

The AESP Program added two (2) expatriate staff members during the FY2012 Q2.

2.1 Expat Staffing

Employee Name	Position	Afghanistan Arrival	Afghanistan Departure
██████████	Chief of Party	11/20/09	4/23/10
██████████	Finance Manager	11/20/09	N/A
██████████	Vertical Structures Lead	12/6/09	5/27/10
██████████	Energy Lead	12/6/09	1/18/11
██████████	IT Specialist (STTA)	12/6/09	5/3/10
██████████	Contracts Manager	12/13/09	12/11/10
██████████	Chief of Party	12/23/09	10/8/10
██████████	MIS Manager ⁽¹⁾	12/23/09	6/29/11
██████████	Water/Wastewater Engineer	12/23/09	6/23/10
██████████	Water Resources Lead	2/17/10	2/20/11
██████████	Junior Civil/Structural Engineer	2/17/10	11/19/10
██████████	Geologist (STTA)	3/8/10	6/12/10
██████████	Deputy Chief of Party	3/15/10	3/13/11
██████████	Acting Chief of Party	6/14/10	6/27/10
██████████	Vertical Structures Lead	6/14/10	8/30/11
██████████	Airport Planner (STTA)	6/14/10	7/12/10
██████████	Technical Support Manager	6/26/10	3/22/12
██████████	Water/Sanitation Lead	6/26/10	3/30/11
██████████	Geologist (STTA)	7/13/10	11/20/10
██████████	Deputy Chief of Party ⁽²⁾	7/31/10	2/2/12
██████████	Sr. Project Manager ⁽³⁾	7/31/10	N/A
██████████	Procurement and Finance Auditor	7/19/10	8/16/10
██████████	Chief of Party ⁽⁴⁾	8/26/10	N/A
██████████	Vertical Structures Electrical Engineer	8/26/10	9/4/10
██████████	Administrative Manager	9/13/10	2/3/11
██████████	Information Technology	10/3/10	10/24/10
██████████	Sr. Quality Assurance Inspector/Sr. Construction Mgr.	12/3/10	N/A
██████████	Contracts Manager	12/28/10	N/A
██████████	Energy Lead	1/5/11	6/30/11
██████████	Junior Civil Engineer	1/19/11	7/17/11
██████████	Junior Civil Engineer	2/20/11	2/19/12
██████████	Vertical Structures Electrical Engineer ⁽⁵⁾	4/19/11	N/A
██████████	Field Services Manager ⁽⁶⁾	4/19/11	N/A
██████████	Administrative Manager ⁽⁷⁾	6/16/11	N/A
██████████	Energy Lead ⁽⁸⁾	7/4/11	N/A
██████████	Transportation Lead ⁽⁹⁾	7/3/11	N/A
██████████	Deputy Chief of Party ⁽¹⁰⁾	7/14/11	N/A
██████████	Communications Specialist ⁽¹¹⁾	8/18/11	N/A
██████████	Junior Engineer ⁽¹²⁾	8/18/11	N/A
██████████	MIS Manager	9/16/11	N/A
██████████	Sr. Energy Specialist	1/13/12	N/A
██████████	Sr. Contracts/FM Support	3/12/12	N/A

Notes:

- (1) Junior Civil Engineer then transferred to the position of MIS Manager after ██████████ demobilized.
- (2) Transportation Lead/SPR Manager then transferred to the position of Deputy Chief of Party upon the arrival of ██████████.
- (3) LTTA position transition from PRT Manager to Sr. Project Manager.
- (4) Deputy Chief of Party then transferred to the position of Chief of Party after ██████████ demobilized.
- (5) LTTA position replacement for previous Vertical Structures Electrical Engineer, ██████████.
- (6) LTTA position replacement for previous Water Resources Lead, ██████████.

- (7) LTTA position replacement for previous Administrative Manager, [REDACTED].
- (8) LTTA position replacement for previous Energy Lead, [REDACTED].
- (9) LTTA position replacement for previous Transportation Lead, [REDACTED] after his transition to Deputy Chief of Party.
- (10) LTTA position replacement for previous Deputy Chief of Party, [REDACTED].
- (11) LTTA position created from transition of PRT Manager to Communications Specialist.
- (12) LTTA position created from transition of Junior Civil Engineer to Junior Engineer.

2.2 Expat Staffing Changes

[REDACTED] returned to Kabul as the Senior Energy Specialist.

[REDACTED] arrived in Kabul as STTA Sr. Contracts/FM Support.

2.3 Local National Staffing

Table 2-2 Local National Staffing			
Employee Name	Position	Start Date	End Date
[REDACTED]	Government Liaison/Tt	12/2/09	N/A
[REDACTED]	Facilities Maintenance/Tt	3/20/10	N/A
[REDACTED]	Facilities Manager/Tt	3/20/10	N/A
[REDACTED]	Contracts Assistant/Buyer/Tt	3/22/10	5/4/11
[REDACTED]	Accountant/Tt	3/23/10	N/A
[REDACTED]	Internal Auditor/Tt	3/27/10	N/A
[REDACTED]	Mid-Level Architect/Tt	4/5/10	N/A
[REDACTED]	IT Manager/Tt	4/15/10	N/A
[REDACTED]	IT Assistant/Tt	4/20/10	N/A
[REDACTED]	HR Manager/Tt	7/3/10	N/A
[REDACTED]	SPR Administrative Assistant/Tt	9/13/10	N/A
[REDACTED]	Administrative Assistant/Tt	10/1/10	N/A
[REDACTED]	SPR QA Monitor/USACC	10/2/10	N/A
[REDACTED]	SPR QA Monitor/USACC	10/2/10	N/A
[REDACTED]	SPR Mid-Level engineer/ USACC	10/9/10	N/A
[REDACTED]	SPR QA Monitor/USACC	10/9/10	5/8/11
[REDACTED]	SPR QA Monitor/USACC	10/12/10	10/10/11
[REDACTED]	Civil Engineer – Junior Level/USACC	10/24/10	8/16/11
[REDACTED]	Senior Administrative Assistant/Tt	10/24/10	N/A
[REDACTED]	Structural Engineer – Junior Level/SMART	11/29/10	N/A
[REDACTED]	Electrical Engineer – Junior Level/SMART	12/5/10	N/A
[REDACTED]	Civil Engineer – Mid Level/SMART	12/7/10	N/A
[REDACTED]	SPR QA Monitor/USACC	12/11/10	N/A
[REDACTED]	Electrical Engineer – Mid Level/SMART	3/15/11	N/A
[REDACTED]	Cost Estimator – Senior/Tt	4/16/11	N/A
[REDACTED]	Contracts Assistant/Buyer/Tt	6/12/11	N/A
[REDACTED]	Civil Engineer – Junior Level/SMART	10/28/11	N/A
[REDACTED]	Technical Writer and GIS Analyst	11/12/11	2/12/12
[REDACTED]	Technical Writer and GIS Analyst	3/26/12	N/A

In addition to the Local National Staff listed above, six (6) LNs are employed for facilities maintenance and five (5) cooking staff are employed.

2.4 Local National Staff Changes

One (1) local national was added to the Tetra Tech Staff during the 2nd quarter. The LNs continue to be trained by the expat staff to ensure functionality and operability remains at the highest levels.

3.0 Contract/Task Order

3.1 Contract/Task Order Deliverables FY2012 Q2

January 10, 2012 Draft FY2012 Q1 Quarterly Report
February 4, 2012 Final FY2012 Q1 Quarterly Report

4.0 Work Orders

4.1 Sector Activities

The following table is a summary of the active work orders per sector during FY2012 Q2.

Table 4-1 Active FY2012 Q2 Work Orders						
Work Order Type	Sector					
	Energy	Water and Sanitation	Water Resources	Transportation	Vertical Structures	Technical Support Services
Administrative Work Orders	2	1	0	1	2	3
Long Term Work Orders	10	1	0	6	5	5
The value of Long Term Work Orders initiated in FY2012 Q2 total [REDACTED].						

The following sections describe the activities performed in each sector during FY2012 Q2 under this Task Order.

4.1.1 Energy

In the second quarter of FY2012, the Energy Sector continued work on a number of long term work orders to meet the objectives outlined in the Department of Defense *Report on Progress Toward Security and Stability in Afghanistan* (October 2011). The work product/studies will be the cornerstone to establish a reliable electrical transmission and generation system in Afghanistan. Existing long-term work orders are described as follows:

4.1.1.1 WO-LT-0022 Power Reliability Study (US Embassy, USAID)

After receiving no comments on the draft report submitted on February 6, 2012; Tetra Tech submitted the final report on February 23, 2012. This work order was closed during the quarter.

4.1.1.2 WO-LT-0023 Afghanistan Electrical Transmission and Generation Study

This work order remained open during the quarter to accommodate potential amendments to the model. There were no additional amendments requested to model. This work order was closed at the end of the quarter.

4.1.1.3 WO-LT-0024 Kud Berg (Mazar) 48MW Power Plant Field Investigation

No additional work was completed during the quarter. This work order was closed during the quarter.

4.1.1.4 WO-LT-0025 RC-East Villages Electrification

Tetra Tech prepared an inventory of material delivered for 26 villages. Due to a lack of communication from RC-East, this work order was closed during this quarter.

4.1.1.5 WO-LT-0043 PTEC Environmental Assessment: Power Transmission, Expansion and Connectivity

Tetra Tech submitted a final revised draft Environmental Scoping Statement on March 14, 2012. Revised Scoping Sessions materials were sent to USAID for DABS on the same date. Unable to reach concurrence with USAID regarding the scope of work, this work order was closed during the quarter.

4.1.1.6 WO-LT-0045 Darunta Technical Services

Tetra Tech prepared a team to visit the site in January for a detailed engineering evaluation. A draft report of the evaluation was submitted on February 22, 2012. This work order was closed during the quarter.

4.1.1.7 WO-LT-0048 Engineering Study for 220kV Transmission Line from Dasht-E-Barchi to Kandahar

Tetra Tech will create a partial design package for the 220kV transmission line from Dasht-E-Barchi to Kandahar.

4.1.1.8 WO-LT-0051 NEPS-SEPS Alternatives Study

Tetra Tech prepared a report evaluating the various options available to USAID for strengthening and expanding the electrical power generation, transmission and distribution systems in Afghanistan. The final report was submitted on February 5, 2012. This work order was closed during the quarter.

4.1.1.9 WO-LT-0053 NEPS and NEPS-SEPS Connection Assessments

Tetra Tech received Notice to Proceed (NTP) on February 8, 2012. An interim report is due 90 days after NTP (May 8, 2012) and a final draft on June 8, 2012. This report will evaluate the future options and recommendations concerning the development of NEPS, SEPS, and NEPS to SEPS development.

4.1.1.10 WO-LT-0054 Reactive Power Compensation for Pul-e-Khumri (PK) to Chimtala

Tetra Tech is to perform a study using PSS/E and create a partial design package for the Reactive Power Compensation (RPC) for the NEPS system that will permit the PK to Chimtala 220kV line to carry the optimum amount of power (approximately 450MW), and the installation of an additional 160MVA transformer at the Chimtala substation.

4.1.2 Vertical Structures

A summary of work performed during the second quarter of FY2012 by the Vertical Structures group included providing technical support, document reviews, project meeting attendance, and design input to USAID.

4.1.2.1 WO-LT-0001 Regional and Provincial Training Centers Concept and Final Design

This work order remained on hold during the quarter.

4.1.2.2 WO-LT-0014 Vocational Training Center Scoping Narrative

This work order remained on hold during this quarter.

4.1.2.3 WO-LT-0015 Kabul University Men's Dormitory, DFAC & Laundry

Tetra Tech continued third party technical support by attending the weekly construction coordination project meetings and providing field observation for these three projects. Other duties included submittal review and proposed design modification review and comment.

4.1.2.4 WO-LT-0052 Operations and Maintenance (O&M) Cost Estimates

The first set of three higher priority cost estimates were prepared, reviewed internally and were submitted to USAID for review. O&M cost estimates for other sites in the SOW are underway concurrently. Comments from USAID on the first three sites will be applied to all remaining cost estimates.

4.1.2.5 WO-LT-0056 Seismic Reconstruction Retrofit Projects

Tetra Tech is reviewing IRD Reconstruction Action Plans and additional information from USAID. Site visits are to be scheduled to identified sites. A report of findings and recommendations of existing structures to create a seismic activity resistant structure to will be prepared.

4.1.3 Water and Sanitation

4.1.3.1 WO-LT-0006 Sardar Girls High School (SGHS) Utility Construction Documents

Construction Administration Services for Site Layout, Grading and Utilities remained on hold during this quarter pending USAID's award of the utilities construction contract.

4.1.4 Transportation

Work in the Transportation sector included the QA Oversight for WO-LT-0007 the Strategic Provincial Roads – Southern and Eastern Afghanistan (SPR-SEA) program, QA Oversight for the rehabilitation of Maimana and Faizabad Regional Airports under WO-LT-0029, Project Administration Capacity Building with MoTCA under WO-LT-0041, and O&M evaluation of the Ministry of Public Works under WO-LT-0049

4.1.4.1 WO-LT-0007 QA Oversight SPR (Strategic Provincial Roads) Southern and Eastern Afghanistan

Tetra Tech staff continued to attend meetings with USAID to discuss the close out of the completed and improved roads. Tetra Tech staff made the final visit to Road #2 and submitted the site report to USAID. Tetra Tech was asked to prepare the final QA reports for the roads which were visited by Tetra Tech. The final QA report of Road 9A/9B was completed and final QA reports for the 12 remaining roads visited by Tetra Tech were prepared. Tetra Tech also prepared a final summary report for the other roads in the SPR/SEA task order, summarizing the known status for each of the roads. Tetra Tech worked with USAID to revise the Road Status Matrix.

4.1.4.2 WO-LT-0009 Amendment 2 PRT Support – Bamyan Dam Sites Pre-Feasibility Studies

In February 2012, Tetra Tech attended briefings with OEGI personnel at the Bamyan PRT to discuss a strategy for a comprehensive electrification program for the region.

4.1.4.3 WO-LT-0029 Technical Assistance to USAID for Rehabilitation Design and Construction on Maimana and Faizabad Regional Airports Runways and Aprons

Tetra Tech's Senior Transportation Engineer made one trip to Maimana airport to verify completed construction works were protected from weather damage. Construction on the Maimana airport resumed, and Tetra Tech QA returned to the site on March 30, 2012 to provide full-time oversight.

Tetra Tech personnel attended twelve (12) meetings with MoTCA, USAID, FAA and contractor representatives to review the airports progress and discuss delay problems. Tetra Tech also received the KNK (Faizabad Prime Contractor) QC plan for review and provided comments for revision of the document.

4.1.4.4 WO-LT-0041 MoTCA Capacity Building: Project Administration – Maimana and Faizabad Airports

Tetra Tech personnel attended five meetings with MoTCA representatives to support efforts in preparing progress reports to submit to USAID. Tetra Tech attended a meeting with MoTCA and MoF representatives to review the Implementation Letter 17 (IL-17) requirements. Meeting minutes were provided to USAID by Tetra Tech.

Tetra Tech 1 reviewed draft monthly progress reports prepared by MoTCA and made comments to aid in meeting the reporting requirements of IL-17.

4.1.4.5 WO-LT-0049 Evaluation of MoPW Capacity to Conduct Roadway O&M

Tetra Tech is evaluating the capacity of the Ministry of Public Works (MoPW) to perform Operations and Maintenance (O&M) on the country's road network.

Tetra Tech prepared a draft evaluation report summarizing the findings, received USAID preliminary comments and submitted a revised draft report on February 11, 2012. Tetra Tech prepared supplemental recommendations identifying the most pressing needs of the Ministry and provided these recommendations to USAID. Upon receipt of comments, Tetra Tech amended the evaluation report and will submit the second revised draft report in the third quarter of 2012.

4.1.5 Technical Support and Services

A summary of work performed during the second quarter of FY2012 by Technical Support and Services included providing claims assistance to USAID/OAA and startup of the AESP Woman's Internship program.

4.1.5.1 WO-LT-0033 AMD1, AMD 2 and AMD 3 USAID/OAA Claims Assistance

Tetra Tech is continuing to review claims received by USAID/OAA.

4.1.5.2 WO-LT-0042 Afghan Women Internship Program

Four female Civil Engineering students from Kabul University enrolled in the AESP internship program. They have been paired with an engineer and assigned CAD work as required. Further exposure and instruction in Civil 3D is ongoing.

4.2 Progress

Second quarter FY2012 Work Order activity under this Task Order included work on 9 Administrative Work Orders and 27 Long Term Work Orders for a total of 36 Work Orders. Following is the breakdown of number of Work Orders by sector:

- Energy: 2 Administrative Work Orders, 10 Long Term Work Orders
- Water, Sanitation, and Water Resources: 1 Administrative Work Order, 1 Long Term Work Order.
- Transportation: 1 Administrative Work Order, 6 Long Term Work Orders
- Vertical Structures: 2 Administrative Work Orders, 5 Long Term Work Orders (includes architecture, energy, and water and sanitation support)
- Technical Support Services: 3 Administrative Work Orders, 5 Long Term Work Orders
- Multi-Disciplinary: 1

The value of Long Term Work Orders initiated in FY2012 Q2 totals [REDACTED]. A summary of the progress of each Work Order is shown in Table 4-1. A listing of FY2012 Q2 Work Orders can be found on the Work Order Status table included in Appendix A.

Table 4-1 FY 2012 Q2 Active Work Order Summary Afghanistan Engineering Support Program IQC: Task Order 01 - EDH-I-00-08-00027-00 USAID Technical Office: USAID/Office of Economic Growth and Infrastructure (OEGI) Reporting January 1 Thru March 31, 2012		
Work Order Number	Work Order Title	Summary of Work Completed FY2012 Q2
WO-A: Administrative Work Orders⁽¹⁾		
WO-A-0024	Afghan First COP Meetings	This work order was inactive and closed during the quarter.
WO-A-0072	File Transfer Services	This work order was closed during the quarter.
WO-A-0077	KHPP Environmental Services	Tetra Tech submitted a Kandahar diesel fuel sample to a lab in Kabul for sulfur content analysis. The sulfur content allowed USAID to determine the potential need for emissions scrubbers for the Kandahar Helmand Power Plant (KHPP). This work order was closed during the quarter.
WO-A-0080	Gas Pipeline Pre-Feasibility Study	Tetra Tech prepared a pre-feasibility study of a gas line from Turkmenistan and Herat. The final report was submitted on January 23, 2012. This work order was closed during the quarter.
WO-A-0081	K-K Bridge Calculations Review	This work order was closed during the quarter.
WO-A-0083	Review of Sardar GHS Fire Doors	Existing doors installed were evaluated against project specifications, door schedules and requirements for Sardar Kabuli Girls' High School and Ghazi Boys' High School relating to Fire Doors. This work order was closed during the quarter.
WO-A-0084	Sardar GHS Fire Door Suppliers and Cost Estimates	Regional suppliers of NFP-80 compliant, UL labeled fire doors, door assemblies were found, contacted, and costs quotes for SGHS fire door replacement were obtained. Report preparation work was completed during the quarter.
WO-A-0085	GBHS Winter Operations Support	Engineering support to assess possible damage due to frozen wastewater treatment plant (WWTP) and potable water treatment and distribution system was provided. Currently continuing engineering support for repairs and restart of systems.
WO-A-0086	Darunta Dam Field Investigation	Awaiting mobilization orders from USAID to complete field visits. Work suspended by USAID directive.
WO-LT: Long Term Work Orders⁽²⁾		
WO-LT-0001	Regional and Provincial Training Centers Concept and Final Design	This work order remained on hold during the quarter.
WO-LT-0006	Sardar Girls High School (SGHS) Utility Construction Documents	Waiting for contractor selection and construction start-up.
WO-LT-0007	QA Oversight SPR - Southern & Eastern Afghanistan	Final QA reports for all roads were submitted.
WO-LT-0009 AMD 2	Bamyan Dam Sites Pre-Feasibility Study	Submitted summary of Bamyan PRT meeting. Work going.
WO-LT-0014	VTC Green Design	This work order remained on hold during the quarter.
WO-LT-0015	Kabul University Men's Dormitory Construction Inspection and DFAC Design Review	Provided third party QA for DFAC, Laundry, and Men's Dormitory. Construction Technical support and Field Observation duties ongoing.
WO-LT-0022	Power Reliability Study (US Embassy, USAID)	Tetra Tech submitted the final report on February 23 rd , 2012. This work order was closed during the quarter.
WO-LT-0023	Afghanistan Electrical Transmission and Generation Study	This work order was closed during the quarter.

Table 4-1 FY 2012 Q2 Active Work Order Summary Afghanistan Engineering Support Program IQC: Task Order 01 - EDH-I-00-08-00027-00 USAID Technical Office: USAID/Office of Economic Growth and Infrastructure (OEGI) Reporting January 1 Thru March 31, 2012		
Work Order Number	Work Order Title	Summary of Work Completed FY2012 Q2
WO-LT-0024	Kud Bergh 48MW Power Plant Field Investigation	This work order was closed during the quarter.
WO-LT-0025	RC-East Villages Electrification	Tetra Tech prepared an inventory of material for 26 villages. This work order was closed during the quarter.
WO-LT-0029	Maimana and Faizabad Airport 3 rd Party QA	Meetings with MoTCA. Work to begin on location in April.
WO-LT-0033	USAID/OAA Claims Assistance	Tetra Tech continued reviews of Claims received by USAID.
WO-LT-0041	MoTCA – Regional Airport Support	Tetra Tech personnel attended five meetings with MoTCA representatives to support their efforts in preparing progress reports to submit to USAID. Tetra Tech personnel reviewed the draft monthly progress reports prepared by MoTCA and made comments to aid in meeting the reporting requirements of IL-17.
WO-LT-0042	Afghan Women Internship Program	Tetra Tech began the internship program with four Civil Engineering students from Kabul University.
WO-LT-0043	PTEC-Environmental Assessments Power Transmission, Expansion and Connectivity	Tetra Tech submitted Scoping Sessions materials to USAID for DABS. This work order was closed during the quarter.
WO-LT-0045	Darunta Technical Services	Tetra Tech completed a site visit and submitted the draft report on February 22 nd , 2012. This work order was closed during the quarter.
WO-LT-0048	Engineering Study for 220kV Transmission Line from Dasht-E-Barchi to Kandahar	Tetra Tech began work on this work order after receiving NTP late in the quarter.
WO-LT-0049	Evaluation of MoPW Capacity to Conduct Roadway O&M	Tetra Tech prepared a draft evaluation report summarizing findings submitted to USAID on February 11 th , 2012. Tetra Tech prepared supplemental recommendations identifying the most pressing needs of the Ministry and provided these recommendations to USAID.
WO-LT-0051	NEP-SEPS Alternatives Study	Tetra Tech prepared and submitted the final report evaluating the various options available to USAID for strengthening and expanding the electrical power generation, transmission and distribution systems in Afghanistan. This work order was closed during the quarter.
WO-LT-0052	Annual O&M Cost Budgets	The first set of three O&M cost estimates, submitted to USAID in the period, will serve as templates for the balance of the estimates
WO-LT-0053	NEPS and NEPS-SEPS Connection Assessments	Tetra Tech began work on the draft report.
WO-LT-0054	Reactive Power Compensation for PK to Chimtala	Tetra Tech began work on this work order after receiving NTP late in the quarter.
WO-LT-0056	Structural Engineering and Cost Estimating Services for Seismic Retrofit Options	Tetra Tech received NTP on March 28 th , 2012. Kick-off meeting scheduled with USAID and Reach back.

Notes (#):

- (1) Work Orders with anticipated level of effort of 18-mandays or less
- (2) Work Orders that are planned to equal more than 18-mandays

5.0 Pending Work Orders

There are no pending work orders to report.

6.0 Financial

FY 2012 Q2 contract MOD activity increased the obligated funding to [REDACTED] through MOD 14.

6.1 Invoices, Projected Burn Rates, and Reach Back Usage

Table 6-1 AESP Expenditures and Burn Rate		
Cumulative Expenditures through December 31, 2011		[REDACTED]
January 2012	[REDACTED]	
February 2012	[REDACTED]	
March 2012 (Estimate)	[REDACTED]	
Total FY2012 Q2 Expenditures	[REDACTED]	
Cumulative Expenditures through March 31, 2012		[REDACTED]
Current Estimated Average Burn Rate per Month	[REDACTED]	

6.2 Contract/Task Order Issues

Status of Obligated Funds: Based on the current billing and projected burn rate, the [REDACTED] in Obligated Funding will be exhausted in November 2012.

Level of Effort Summary: As of March 30, 2012, 7,194 reach back workdays and 34,406 in-country workdays for a total 41,600 workdays were expended.

Appendix A

Work Order Status

FY2012 Q2 WORK ORDER STATUS
Afghanistan Engineering Support Program
Revised April 9, 2012 (Reporting Thru April 1, 2012)

Work Order Number	Program Type ⁽³⁾	Description	Status ⁽⁴⁾	Estimated Cost (ROM)	In Country Cost to Date ⁽⁵⁾	Reach Back Cost to Date ⁽⁵⁾	Incurred Cost to Date ⁽⁵⁾
WO-A: Administrative Work Orders⁽¹⁾							
WO-A-0024	TS	Afghan First COP Meetings	Complete	NA			
WO-A-0072	TS	File Transfer Services	Complete	NA			
WO-A-0077	TS	KHPP Environmental Services	Complete	NA			
WO-A-0080	E	Gas Pipeline Pre-Feasibility Study	Complete	NA			
WO-A-0081	T	K-K Bridge Calculations Review	Complete	NA			
WO-A-0083	VS	Review of Sardar GHS Fire Doors	Complete	NA			
WO-A-0084	VS	Sardar GHS Fire Door Suppliers and Cost Estimates	Open	NA			
WO-A-0085	W/S	GBHS Winter Operations Support	Open	NA			
WO-A-0086	E	Darunta Dam Field Investigation	Cancelled	NA	\$0	\$0	\$0
WO-LT: Long Term Work Orders⁽²⁾							
WO-LT-0001	VS	Regional and Provincial Training Centers Concept and Final Design	Open				
WO-LT-0006	W/S, E	SGHS Utility Construction Documents	Open				
WO-LT-0009	T	PRT Field Support	Open				
WO-LT-0009 AMD 2	T	PRT Field Support - Bamyan Dam Sites Pre-Feasibility Studies	Open				
WO-LT-0014	VS	VTC Green Design	Open				
WO-LT-0015	VS	Kabul University Technical Assistance	Open				
WO-LT-0022	E	Power Reliability Study (US Embassy, USAID)	Complete				
WO-LT-0023	E	Afghanistan Electrical Transmission & Generation Study	Complete				
WO-LT-0024	E	Kud Bergh (Mazar) 48MW Power Plant Field Investigation	Complete				
WO-LT-0025	E	RC-East Villages Electrification	Complete				
WO-LT-0029	T	Maimana and Faizabad Airport 3rd Party QA	Open				
WO-LT-0033 AMD 1	TS	USAID/OAA Claims Assistance	Open				
WO-LT-0033 AMD 2	TS	USAID/OAA Claims Assistance	Open				
WO-LT-0033 AMD 3	TS	USAID/OAA Claims Assistance	Open				
WO-LT-0041	T	MoTCA - Regional Airport Support	Open				
WO-LT-0042	TS	Afghan Women Internship Program	Open				
WO-LT-0043	E	PTEC - Environmental Assessments Power Transmission, Expansion and Connectivity	Complete				
WO-LT-0045	TS	Darunta Technical Services	Complete				
WO-LT-0048	E	Engineering Study for 220kV Transmission Line from Dasht-E-Barchi to Kandahar	Open				
WO-LT-0049	T	Evaluation of MoPW Capacity to Conduct Roadway O&M	Open				
WO-LT-0051	E	NEPS-SEPS Alternatives Study	Complete				
WO-LT-0052	VS	Annual O&M Cost Budgets	Open				
WO-LT-0053	E	NEPS and NEPS - SEPS Connection Assessments	Open				
WO-LT-0054	E	Reactive Power Compensation for PK to Chimtala	Open				
WO-LT-0055	E	Darunta HPP Assessments	Open				5
WO-LT-0056	VS	Seismic Retrofit Projects	Open		\$0	\$0	\$0

Notes ^(#):

(1) Work Orders with anticipated level of effort of 18-mandays or less

(2) Work Orders that are planned to equal more than 18-mandays

(3) Program Type: Technical Support (TS), Energy (E), Transportation (T), Vertical Structures (VS), Water/Sanitation (W/S) or Water Resources (WR)

(4) Status: Pending Approval, Open, or Complete

(5) Labor, expenses, OH, GA, and fee.

	Energy
	Water Resources
	Vertical Structures
	Transportation
	Water and Sanitation
	Multi-Disciplinary
	Technical Support

Project Issues Summary

Project Issues Summary	Key		
	R	●	Issue requires direction or is behind schedule.
	Y	●	Issue is proceeding but clarification or direction is required for completion.
Afghanistan Engineering Support Program (AESP)	G	●	Issue is proceeding and is expected to be completed on schedule.
UPDATED: March 31, 2012 By: [REDACTED]	G	●	
Issue	Status		Action Required
Contract Plans			
Annual Work Plan	G	●	Draft Annual Work Plan submitted 8/14/2011. USAID comments received on draft. Final work plan submitted 11/3/11.
PMP (Performance Monitoring Plan)	G	●	Final PMP submitted 4/3/2010. USAID requested revisions 10/16/10 and met with TT on 11/6. TT submitted draft 11/20/10. Sector PMP forms submitted 11/22/10.
Quarterly Progress Reports	G	●	FY2012 Q2 Report due 4/10/12.
Annual Report for Each FY	G	●	TT submitted draft FY2011 Annual Report on 10/29/11. USAID comments for future reports received. TT submitted final report on 12/22/11.
Subcontractor and Purchase Limit for Consent	G	●	CO approved \$25K Micro-purchase, RFP required for amount over \$25K, and CO consent needed for amount over \$150K.
Financial			
Status of Obligated Funds and Budget Approval	G	●	Requested Budget Realignment information submitted 2/6/12. USAID requested more information on 2/18/12. TT responded on 2/24/12. Additional response received.
Contract Expenditure Status	G	●	Invoice submitted 3/5/12.
Obligated Contract Expenditure	G	●	MOD 14 issued on 12/21/11. Increased obligated funding to [REDACTED].
Quarterly Accruals	G	●	FY2012 Q2 Accrual letter sent 3/14/12.
1420s & Staffing Approval			
1420 Approvals for Tetra Tech Employees and Sub-Consultants	G	●	7 outstanding requests (T-0154, T-0156)
Misc Items			
Success Stories (Periodic)	G	●	TT to prepare stories as work orders are completed.

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